

TEST REPORT

No. : SHIN1507034251PS-01

Date : Aug 13, 2015

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CUSTOMER NAME: TAIZHOU BAIYUN JIXIANG DECORATIVE MATERIAL CO.,LTD
ADDRESS: NO.1 BRANCH,JIAOJIANG FARM, TAIZHOU, ZHEJIANG, CHINA

This Report cancels and supersedes the Report No.: SHIN1507034251PS dated: Aug 12, 2015 issued by SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd, original report will be invalid from today.

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : PVC FOAM BOARD
Product Specification : density 0.55g/cm³
Manufacturer : TAIZHOU BAIYUN JIXIANG DECORATIVE MATERIAL CO.,LTD
Date of Receipt : Jul 29, 2015
Testing Start Date : Jul 29, 2015
Testing End Date : Aug 12, 2015
Test result(s) : For further details, please refer to the following page(s)

Signed for
SGS-CSTC Standards Technical
Services (Shanghai) Co., Ltd.



Cathy Wu
Authorized signatory



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1. Test Item: Compressive Test

Sample Description: White sheet

Test Method: ASTM D695-10 and client's requirement

Test Condition:

Specimen: 13.28 mm×13.04 mm×12.02 mm

Testing speed: 1.3mm/min

Lab Environmental Condition: 23±2°C, 50±5%RH

Test Result:

Test Item	Test Result
Compressive strength	3.97 MPa

Note: Test specimens were cut from the sample.

2. Test Item: Flexural Test

Sample Description: White sheet

Test Method: ASTM D790-10 Procedure A

Test Condition:

Specimen: 240mm×12.930mm×12.021mm

Testing speed: 5.2 mm/min

Span: 200mm

Lab Environmental Condition: 23±2°C, 50±5%RH

Test Result:

Test Item	Test Result
Flexural Strength	19.4 MPa

Note: Test specimens were cut from the sample.



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3. Test Item: Izod Notched Impact Strength

Sample Description: White sheet

Test Method: ASTM D256-10 Method A

Test Condition:

Specimen width: 12.02 mm (Notch preparation: machining)

The capacity of pendulum: 2.75 J

Impact speed: 3.46m/s

Lab Environmental Condition: 23±2°C, 50±5%RH

Test Result:

Test Item	Test Result
Izod Notched Impact Strength	12.8 J/m C (complete break)

Note: Test specimens were cut from the sample.

4. Test Item: Shore Hardness

Sample Description: White sheet

Test Method: ASTM D2240-05(2010)

Test Condition:

Specimen thickness: 12.05 mm

Lab Environmental Condition: 23±2°C, 50±5%RH

Test Result:

Test Item	Test Result
Shore Hardness	D/68/1

Note:

1. D/X/1- "D": type of durometer, "X": hardness value, "1": read time.

2. Test specimens were cut from the sample.



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5. Test Item: Tensile Strength

Sample Description: White sheet

Test Method: ASTM D638-14

Test Condition:

Specimen: Type I

Specimen thickness: 12.012 mm

Testing speed: 5 mm/min

Distance between grips: 115 mm

Lab Environmental Condition: (23 ± 2) °C, (50 ± 5) % RH

Test Result:

Test Item	Test Result
Tensile Strength	6.63 MPa

Note: Test specimens were cut from the sample.

6. Test Item: Vicat Softening Temperature

Sample Description: White sheet

Test Method: ASTM D1525-09

Test Condition:

Specimen thickness: 12.00 mm

Heat-transfer media: Silicone oil

Rate of temperature: 50°C/h

Load: 50 N

Lab Environmental Condition: 23±2°C, 50±5%RH

Test Result:

Test Item	Test Result
Vicat Softening Temperature	54.3 °C

Note: Test specimens were cut from the sample.



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7. Test Item: Water Absorption

Sample Description: White sheet

Test Method: ASTM D570-98(2010)^{e1}

Test Condition:

Specimen: 60mm×60mm×12.02mm

Drying condition: 50±3°C, 24h

Immersion condition: 23±1°C, 24h

Lab Environmental Condition: 23±2°C, 50±5%RH

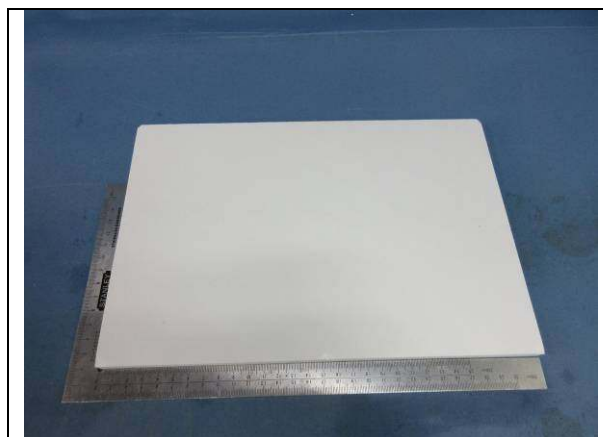
Test Result:

Test Item	Test Result
Water Absorption	0.61 %

Note:

- 1) Water absorption, %=(Mass after immersion-Mass after drying and before immersion)/Mass after drying and before immersion×100%.
- 2) Test specimens were cut from the sample.

Sample Photo:



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8. Test Item: Lead

Sample Description: White sheet

Test Method: With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.

Test Result:

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Result</u>
Lead (Pb)	1000	mg/kg	2	ND

Note: (1) The maximum permissible limit is quoted from directive 2011/65/EU, Annex II

(2) 1 mg/kg = 0.0001%

(3) MDL = Method Detection Limit

(4) ND = Not Detected (< MDL)

Sample Photo:



***** End of report*****



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